WHAT IS CLAIMED IS:

1. A method of protecting a basic input/output system against computer virus attack, comprising the steps of:

setting up a protection function in the basic/input output system, wherein the protection function provides user with a choice of selecting between a protection enable state and a protection disable state;

permitting only the reading of data from a memory for holding BIOS data when the protection enable state is selected so that the writing of data into the memory is disallowed; and

permitting the writing of data into the memory when the protection disable state is selected.

2. The method of claim 1, wherein the step of determining if data can be written into the memory further includes the sub-steps of:

providing a data input signal;

providing at least a general-purpose output signal when the protection disable state is selected, wherein the general-purpose output signal satisfies a preset logic so that a write signal input into the memory is equivalent to the data input signal; and

providing write signal not matching the data input signal when the protection enable state is selected so that data cannot be written into the memory.

3. The method of claim 2, wherein the preset logic uses a combinatorial logic function to carry out inspection.

4. The method of claim 3, wherein the combinatorial logic function includes an OR gate.

5. The method of claim 2, wherein the preset logic uses a sequential logic function to carry out inspection.

6. The method of claim 1, wherein the memory includes flash memory.